

WASHINGTON

Science and Engineering Profile

	Washington	U.S.	Rank		Washington	U.S.	Rank
Doctoral scientists, 1993	10,216	430,332	15	Total R&D performance, 1993 (millions)	\$5,422	\$161,427	11
Doctoral engineers, 1993	1,848	81,293	13	Industry R&D, 1993 (millions)	\$4,689	\$117,622	10
S&E doctorates awarded, 1993	415	25,409	20	Academic R&D, 1993 (millions)	\$428	\$19,489	14
of which, in life sciences	29%	24%		of which, in life sciences	64%	55%	
in engineering	22%	22%		in environmental sciences	13%	7%	
in social sciences	16%	15%		in engineering	6%	16%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	930	34,394	12	expenditures, 1993 (millions)	\$2,922	\$163,994	20
S&E graduate students, 1993				Number of SBIR awards, 1990-93	271	13,995	14
in doctorate-granting institutions	5,932	438,128	24	Patents issued to state residents, 1994	962	56,039	18
Population, 1994 (000s)	5,343	260,341	15	Gross state product, 1992 (billions)	\$127.6	\$5,994.1	14
Civilian labor force, 1994 (000s)	2,708	131,013	16	of which, agriculture	3%	2%	
Personal income per capita, 1994	\$22,610	\$21,809	13	manufacturing, mining, construction	21%	23%	
Federal spending				transportation, communication, utilities	8%	9%	
Total expenditures 1994 (millions)	\$26,644	\$1,284,896	16	wholesale and retail trade	18%	16%	
R&D obligations 1993 (millions)	\$878	\$65,394	17	finance, insurance, real estate	17%	18%	
				services	19%	20%	
				government	14%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Washington by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	878,074	113,263	117,359	265,947	299,465	75,104	6,936	17
Department of Agriculture	32,322	18,091	0	35	14,166	30	0	13
Department of Commerce	44,811	37,676	0	3,427	2,822	0	886	4
Department of Defense	285,678	34,979	4,133	214,580	31,548	438	0	21
Department of Energy	138,858	1,708	105,055	15,831	15,929	135	200	12
Dept. of Health & Human Services	269,666	0	8,026	5,440	178,435	73,581	4,184	8
Department of the Interior	21,378	18,889	0	678	1,758	0	53	7
Department of Transportation	9,307	1,123	0	6,541	150	0	1,493	14
Environmental Protection Agency	978	0	0	49	809	0	120	34
Nat'l Aeronautics & Space Admin.	28,085	797	133	17,738	9,416	1	0	20
National Science Foundation	46,991	0	12	1,628	44,432	919	0	12
State rank	17	21	11	18	11	10	9	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.